U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. **Attorney Docket** 12093.PCT.US **DECLARATION FOR UTILITY OR** Number First Named Inventor **DESIGN** Avto TAVKHELIDZE PATENT APPLICATION COMPLETE IF KNOWN (37 CFR 1.63) **Application Number** Filing Date December 9, 2005 **Declaration** Declaration Submitted after Initial OR Submitted **Art Unit** Filing (surcharge With Initial (37 CFR 1.16 (e)) Filing **Examiner Name** required) I hereby declare that: Each inventor's residence, mailing address, and citizenship are as stated below next to their name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Multiple Tunnel Junction Thermotunnel Device On the Basis of Ballistic Electrons (Title of the Invention) the specification of which is attached hereto OR was filed on (MM/DD/YYYY) 06/09/2004 as United States Application Number or PCT International PCT/US2004/018688 and was amended on (MM/DD/YYYY) (if applicable). 12/09/2005 Application Number I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. **Prior Foreign Application Priority Foreign Filing Date Certified Copy Attached?** Country Number(s) **Not Claimed** <u>(MM/DD/YYYY)</u> YES 0313317.0 06/10/2003 GB Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

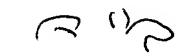
## **DECLARATION** — Utility or Design Patent Application

correspondence to:  ass	e address sociated with stomer Numbe	r:					OR	V	Correspondence address below		
Name  Borealis Technical Limited											
Address 23545 NW Skyline Blvd											
City							•		ZIP		
North Plains				OR					97133-9204		
Country	ountry						Fax		-		
US .	+1.503.621.328			6			1	+1.503.	.621.3425		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.											
NAME OF SOLE OR FIRST INVENTOR:  A petition has been filed for this unsigned inventor											
Given Name (first and middle [i	f any])		<del></del>	•	Family Name or Surname						
Avto					TAVKHELIDZE						
Inventor's Signature Date							Date				
V- ·	n								09 December 2005		
Residence: City	State			Country				Citize	nship		
Tbilisi				Republic of GEORGIA (GE)			4 (GE)		GE		
Mailing Address  Microelectronics Department Chavchavadze Ave. 13											
City	State			Zip			·	Country			
Tbilisi				0179				Republic of GEORGIA (GE)			
NAME OF SECOND INVENTOR:  A petition has been filed for this unsigned inv							for this unsigned inventor				
Given Name (first and middle [if any])				Family Name or Surname							
Isaiah Watas					cox						
Inventor's Signature									Date 09 December 2005		
Residence: City	State			Country				Citizenship			
Baltimore	Maryland			US				US			
Mailing Address 3505 Bancroft Road											
City	State			Zip				Count	Country		
Baltimore	MD			21215-3106			106		US		
Additional inventors or a legal representative are being named on the 1 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.											

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**DECLARATION** — Utility or Design Patent Application

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Name	<u> </u>				<del></del>	· · · · · · · · · · · · · · · · · · ·	<u>-</u> ,		<del></del>			
Borealis Technical Limited												
Address 23545 NW Skyline Blvd												
City		· · · · · · · · · · · · · · · · · · ·	-	State	;	<del>.</del>			ZIP			
North Plains	North Plains			OR					97133-9204			
Country	try Telephor			one				Fax				
US						•	+1.503	1.503.621.3425				
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.												
NAME OF SOLE OR FIRST INVENTOR:  A petition has been filed for this unsigned inventor								ned inventor				
Given Name (first and middle [if	fany])					Name or Surname						
Avto				TAVKH					ELIDZE			
Inventor's Signature							_		Date			
									09 December 2005			
Residence: City	State Country Citizenship						 nship					
Tbilisi			Republic of GEORGIA (GE)				GE					
Mailing Address Microelectronics Department Chavchavadze Ave. 13												
City	State		Zip				Country					
Tbilisi			0179			0179			Republic of GEORGIA (GE)			
NAME OF SECOND INVENTO	R:				A	petition ha	s bee	n filed i	for this unsigned inventor			
Given Name (first and middle [if any])  A petition has been filed for this unsigned inversely and middle [if any])  Family Name or Surname							<del></del>					
Isaiah Watas COX												
Inventor's Signature Date												
Residence: City	State			<u> </u>		<del>.</del>			09 December 2005			
Baltimore								Citizenship				
Mailing Address	Maryland			US				US				
3505 Bancroft Road												
City	State	State Zip					Country					
Baltimore	MD				21215-3106				US			
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DECLARATION				ADDITIONAL INVENTOR(S) Supplemental Sheet Page of							
Name of Additional Joint Inventor, if any:			A petition has been filed for this unsigned inventor								
	Given Name (first and middle	(if any))	•	Family Name or Surname							
_	Rodney Thomas			<u></u>	COX	<del></del> -1					
Inventor's Signature			(_	-		09 Dec	ember 2005				
North Plains Residence: City		St	Oregon ate		US Country_	Citize	US nship				
_ ·	23545 NW Skyline Blvd					•					
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City	North Plains	St	OR ate	_	97133-9204 Zip	Coun	US Country				
Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor											
Given Name (first and middle (if any))					Family Name or Surname						
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